

Variheat mk2
Upton
Modumax mk3

LPB Expansion Kit Instructions

IMPORTANT NOTE

**THESE INSTRUCTIONS MUST BE READ
AND UNDERSTOOD BEFORE INSTALLING,
COMMISSIONING, OPERATING OR
SERVICING EQUIPMENT**

Customer After Sales Services

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Technical Enquiries

To supplement the detailed technical brochures, technical advice on the application and use in the Hamworthy Heating range is available from our technical team in Poole and our accredited agents.

Site Assembly

Hamworthy offer a service of site assembly for many of our products where plant room access is restricted. Using our trained staff we offer a high quality of build and assurance of a boiler built and tested by the manufacturer.

Commissioning

Commissioning of equipment by our own engineers, accredited agents or specialist sub-contractors will ensure the equipment is operating safely and efficiently.

Service Contracts

Regular routine servicing of equipment by Hamworthy service engineers inspects the safety and integrity of the plant, reducing the risk of failure and improving performance and efficiency. Service contracts enable you to plan and budget more efficiently.

Breakdown service, repair, replacement

Hamworthy provide a rapid response breakdown, repair or replacement service through head office at Poole and accredited agents throughout the UK.

Spare Parts

We offer a comprehensive range of spare parts, providing replacement parts for both current and discontinued products. Delivery options are available to suit you. Please refer to our website for more details.

NOTE: All images are specific to *Variheat mk2*. For specific details relating to Upton and Modumax boilers please refer to Navistem B3000 Manual, information is given for wiring reference only.

To add the OCI345 LPB Expansion Kit to a *Variheat mk2* boiler:

With the boiler electrically isolated, remove the front access panel (please refer to 'Installation, Commissioning & Servicing Instructions' supplement for more details) to access the LMS Controller.

- ◆ Secure the OC1345 Expansion Module in to the correct position on top of the LMS14 housing using the 2 screws (see Figure 1).



Figure 1: OCI345 Expansion Module and security fixings (circled)

- ◆ Secure the LPB cable in the supplied screw terminal connector and insert the connector into OCI345 module (see figures 2 & 3).

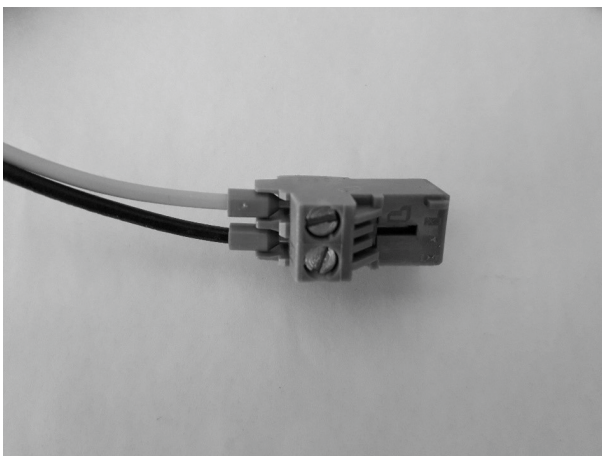


Figure 2: LPB cable secured in the screw terminal connector



Figure 3: Screw Terminal Connector inserted into OCI345 unit

- ◆ Secure the LPB cable into the terminal block on the front panel of the boiler (see figure 4).

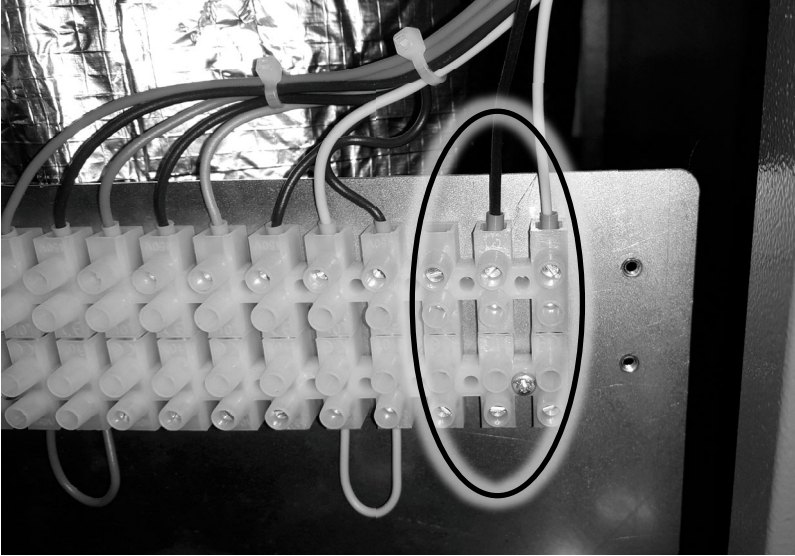


Figure 4: LPB Cable secured in terminal block

- ◆ Insert the ribbon cable into the OCI345 Communication port (see figure 5).

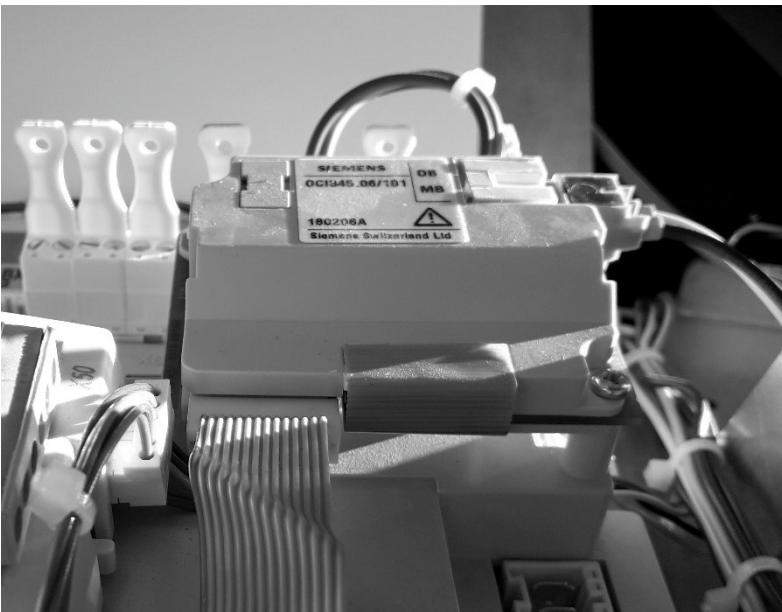


Figure 5: Insert Ribbon Cable into OCI345

- ◆ Terminate the ribbon cable into X11 on the LMS Controller (see figure 6).



Figure 6: Terminate ribbon cable into LMS Controller

- ◆ Secure the access panels into their original positions before applying mains power to the boiler.

NOTES:

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